



1/12

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AUG 09 2002

TECH CENTER 1600/2900

SEQUENCE LISTING

<110> Abbott Laboratories
Billing-Medel, Patricia A.
Cohen, Maurice
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Hodges, Steven C.
Klass, Michael R.
Kratochvil, Jon D.
Russell, John C.
Stroupe, Stephen D.
Yu, Hong

COPY OF PAPERS
ORIGINALLY FILED

<120> METHODS AND REAGENTS USEFUL FOR
DETECTING DISEASES OF THE BREAST

<130> 6130.US.P1

<140> 09/110,720

<141> 1998-07-07

<150> US 08/889.127

<151> 1997-07-07

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cctggccgac	caagcacccc	taaggaaatg	tttatcactg	ttgagtttga	gcttgaaact	240
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<213> Homo sapiens

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cgtggctaaa	aagcctccca	gaacatctga	acgccaggca	gagtcctgtg	gagtgggcca	240
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 aaaatgagga agga 254

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 agatggcttt gcaccttgcc agctctgtgc cctgggcacg ttccagcctg aagctgggtg 180
 aacttcctgc ttcccctgtg gaggaggcct tgccaccaa catca 225

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 cccagtggga acataccagc ctgaatttgg aaaaaataat tgtgtttctt gccaggaaa 180
 tactacgact gactttgatg gctccacaaa cataaccag tgtaaaaaca gaagatgtgg 240
 agggg 254

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<222> (162)...(162)

<223> n = a or g or c or t/u, unknown, or other at position 162

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<211> 280

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<221> misc_feature

<222> (174)...(174)

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acgtnacata	tgatgaggac	taccaggaac	tcattgaaga	catagttcga	gatngcaggc	180
tctatgcac	tgagaaccat	caggaaatac	ttaaggataa	gaaacttata	aaggctctgt	240
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<211> 261

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<222> (79)...(79)

<223> n = a or g or c or t/u, unknown, or other at position 79

<221> misc_feature

<222> (258)...(258)

<223> n = a or g or c or t/u, unknown, or other at
position 258

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gtccagggtt ttgagacctt acaaatgact cagcccacgt gccactcaat acaaatgttc	180
tgctataggg ttggtgggac agagctgtct tccttctgca tgtcagcaca gtcgggtatt	240
gctgcctccc gtatcagnga c	261

<210> 10

<211> 282

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (76)...(76)

<223> n = a or g or c or t/u, unknown, or other at
position 76

<221> misc_feature

<222> (132)...(132)

<223> n = a or g or c or t/u, unknown, or other at
position 132

<221> misc_feature

<222> (212)...(212)

<223> n = a or g or c or t/u, unknown, or other at
position 212

<221> misc_feature

<222> (248)...(248)

<223> n = a or g or c or t/u, unknown, or other at
position 248

<400> 10

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agttcaattt tnatagataa tacagatatt ttggtaaatt gaacttggtt tttctttccc	180
agcatcgtgg atgtagactg agaatggctt tnagtggcat cagcttctca ctgctgtggg	240
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<210> 11

<211> 210

<212> DNA

<213> Homo sapiens

<400> 11

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cttactctc ctcaaggagt ctgtagtgga aaggaggcca cagaataagc tgcttattct	180
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<211> 279

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 position 171

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<210> 13
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 <212> DNA
 <213> Homo sapiens

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 ctgtggagaa actgagtcct cccaggtctc aagggtgggtg gagggagcct gcaggggtct 180
 ccttcctctc cctcttgctt gttctgcctg gtcagagcct gcacacgagt gcagagggct 240
 cccttagaga gggccgggct agaggaagct gaagtttcag aataagcag 289

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 <211> 199
 <212> DNA
 <213> Homo sapiens

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<220>
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<220>
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 <212> DNA
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 <223> Universal Primer

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<210> 20
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 <223> Universal Primer

<400> 20		
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<210> 21
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<220>
<223> Custom Sequencing Primer

<400> 21
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<210> 22
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<223> Custom Sequencing Primer

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<223> Antisense RT-PCR Primer

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<213> Homo sapiens

<400> 31

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Arg	Thr	Glu	Lys 100	Arg	Leu	Arg	Lys	Ala 105	Ile	Arg	Met	Leu	Arg 110	Lys	Ala
Val	His 115	Arg	Glu	Gln	Phe	His	Leu 120	Gln	Leu	Ser	Gly	Met 125	Asn	Leu	Asp
Val	Ala 130	Lys	Lys	Pro	Pro	Arg	Thr 135	Ser	Glu	Arg	Gln 140	Ala	Glu	Ser	Cys
Gly 145	Val	Gly	Gln	Gly	His 150	Ala	Glu	Asn	Gln	Cys 155	Val	Ser	Cys	Arg	Ala 160
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Gly	Thr	Phe 180	Gln	Asn	Glu	Glu	Gly 185	Gln	Met	Thr	Cys	Glu	Pro 190	Cys	Pro
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Pro	Gly 275	His	Phe	Tyr	Asn	Thr	Thr 280	Thr	His	Arg	Cys	Ile 285	Arg	Cys	Pro
Val 290	Gly	Thr	Tyr	Gln	Pro	Glu 295	Phe	Gly	Lys	Asn	Asn 300	Cys	Val	Ser	Cys
Pro 305	Gly	Asn	Thr	Thr	Thr	Asp 310	Phe	Asp	Gly	Ser	Thr 315	Asn	Ile	Thr	Gln 320
Cys	Lys	Asn	Arg 325	Arg	Cys	Gly	Gly	Glu	Leu 330	Gly	Asp	Phe	Thr	Gly 335	Tyr
Ile	Glu	Ser 340	Pro	Asn	Tyr	Pro	Gly 345	Asn	Tyr	Pro	Ala	Asn	Thr	Glu	Cys
Thr	Trp 355	Thr	Ile	Asn	Pro	Pro	Pro 360	Lys	Arg	Arg	Ile	Leu 365	Ile	Val	Val
Pro 370	Glu	Ile	Phe	Leu	Pro	Ile 375	Glu	Asp	Asp	Cys	Gly 380	Asp	Tyr	Leu	Val
Met 385	Arg	Lys	Thr	Ser	Ser	Ser 390	Asn	Ser	Val	Thr 395	Thr	Tyr	Glu	Thr	Cys 400
Gln	Thr	Tyr	Glu 405	Arg	Pro	Ile	Ala	Phe	Thr 410	Ser	Arg	Ser	Lys	Lys	Leu
Trp	Ile	Gln 420	Phe	Lys	Ser	Asn	Glu 425	Gly	Asn	Ser	Ala	Arg	Gly 430	Phe	Gln

Val Pro Tyr Val Thr Tyr Asp Glu Asp Tyr Gln Glu Leu Ile Glu Asp
 435 440 445
 Ile Val Arg Asp Gly Arg Leu Tyr Ala Ser Glu Asn His Gln Glu Ile
 450 455 460
 Leu Lys Asp Lys Lys Leu Ile Lys Ala Leu Phe Asp Val Leu Ala His
 465 470 475 480
 Pro Gln Asn Tyr Phe Lys Tyr Thr Ala Gln Glu Ser Arg Glu Met Phe
 485 490 495
 Pro Arg Ser Phe Ile Arg Leu Leu Arg Ser Lys Val Ser Arg Phe Leu
 500 505 510
 Arg Pro Tyr Lys
 515

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 Pro Gly Asn Ser Gly Ala Leu Lys Thr Pro Glu Ala Trp
 20 25

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 Gly Tyr Ile Glu Ser Pro Asn Tyr Pro Gly Asn Tyr Pro Ala Asn Thr
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 Glu Cys Thr Trp Thr Ile Asn Pro Pro Pro Lys Arg Arg
 35 40 45

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 Gly Asn Ser Ala Arg Gly Phe Gln Val Pro Tyr Val Thr Tyr Asp
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 His His His His His
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